

**4E+A**

Armando Páez

Seminar in Architectural Theory  
with Philippe d'Anjou  
FAU, February 2020

- 1) Challenges in architectural education,
- 2) A proposal.

**Challenges...**

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Integrate knowledge.

Methodology (thinking and doing).



**A proposal...**

# Architecture

*Diseño y arquitectura: De lo racional a lo reflexivo (publishing process) (?)*

*Design and architecture: From rational to reflexive*

# Contradiction in architecture

Ecological-complexity paradigm criteria, cause the collapse of the 'masterpieces' of modernity, postmodernity and post-postmodernity.

## **Architectural parti**

Making decisions when designing (reflect).  
Architectural design methodology does not allow to solve the problem properly.

# **Design methodology**

Inspired in design methods or processes from design theory (industrial design), engineering and social sciences.

Searching of information, ideas, solutions.

# Design methodology

I highlight:

- selection of the best solution,
- post-occupancy evaluation.

## 4E+A

Ecology, energy, economy, entropy,  
anthropology.

The complex should not be the shape of the  
building; the complex are human settlements,  
places, environments, societies...

## *Sachlichkeit*

Objectivity, efficiency, functionality,  
practicality, performance.

Examples: Meyer, Ramírez, Olgyay, Vale,  
Knowles, Steadman, Deffis...



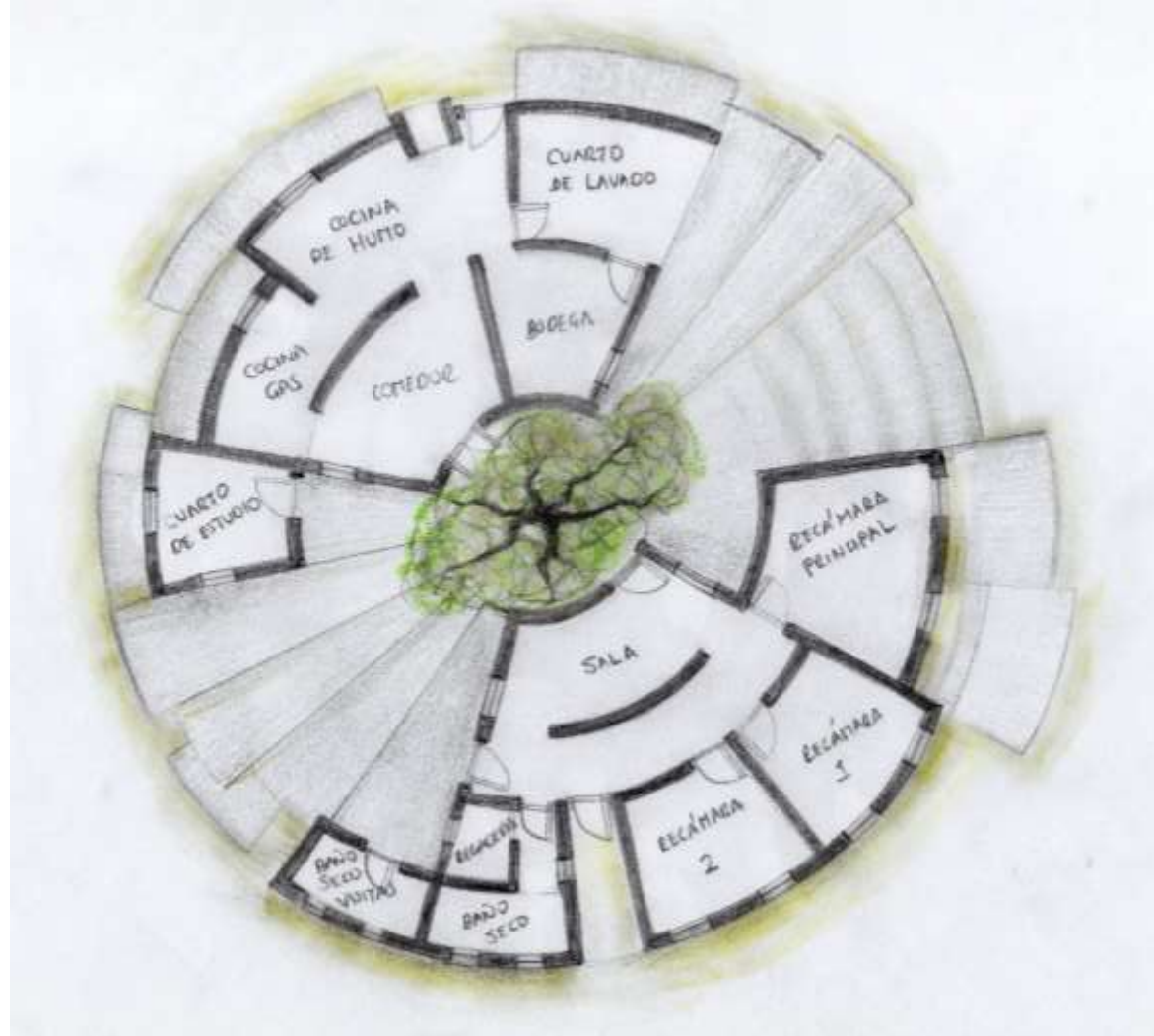
## **Case:**

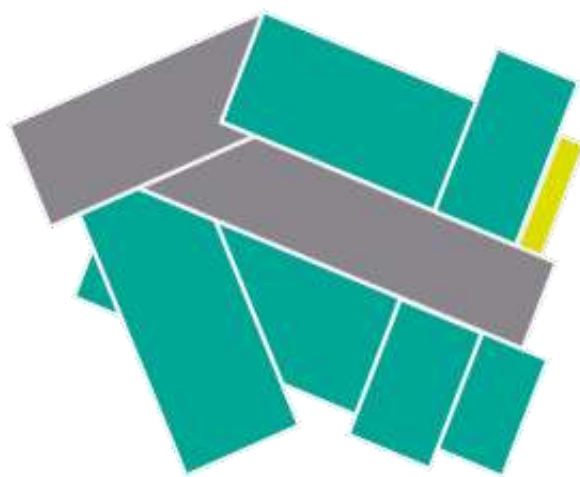
Julio Alvarado

Self-sufficient house, Mixteca, Oaxaca

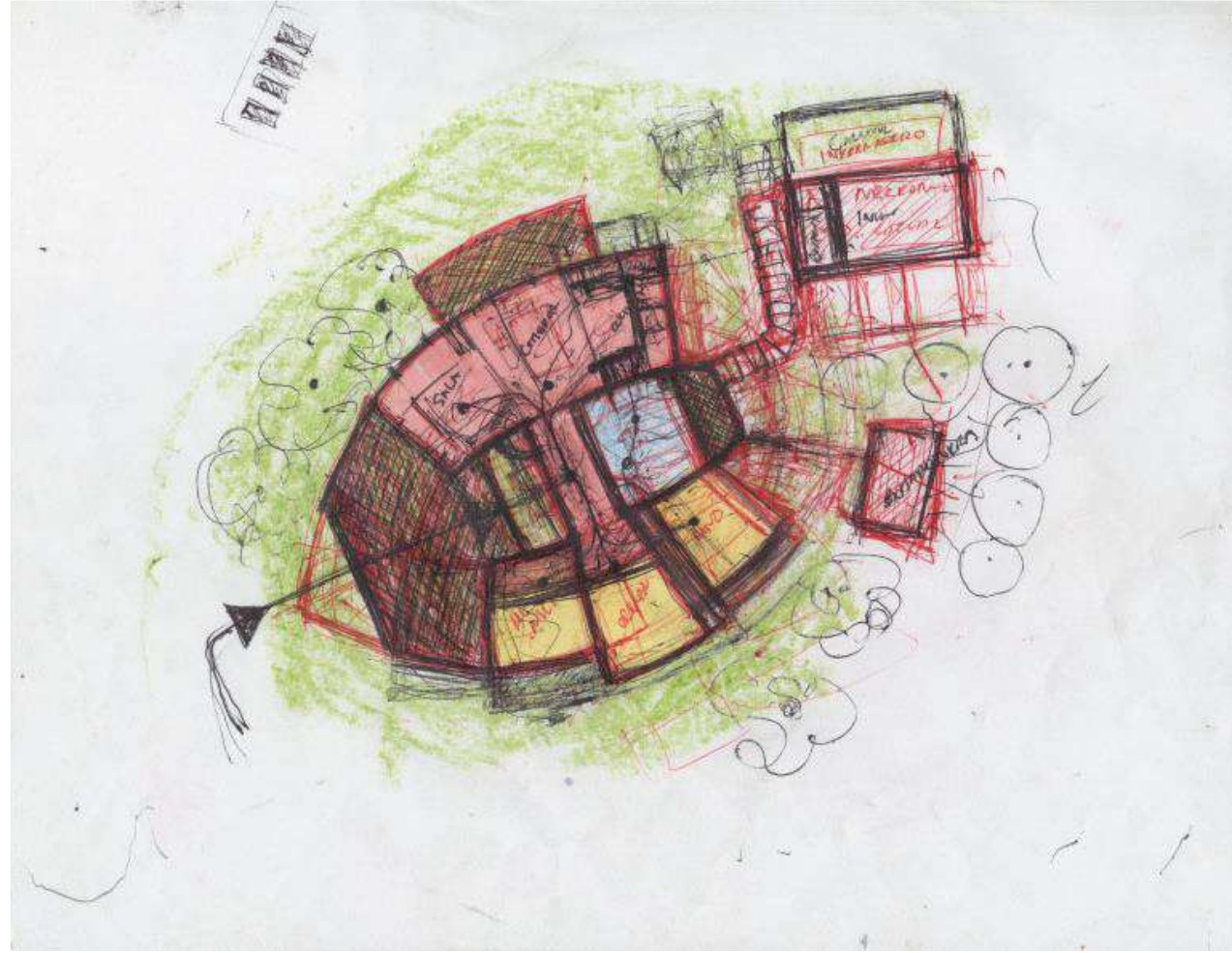
Bachelor thesis in Design Engineering, UTM.



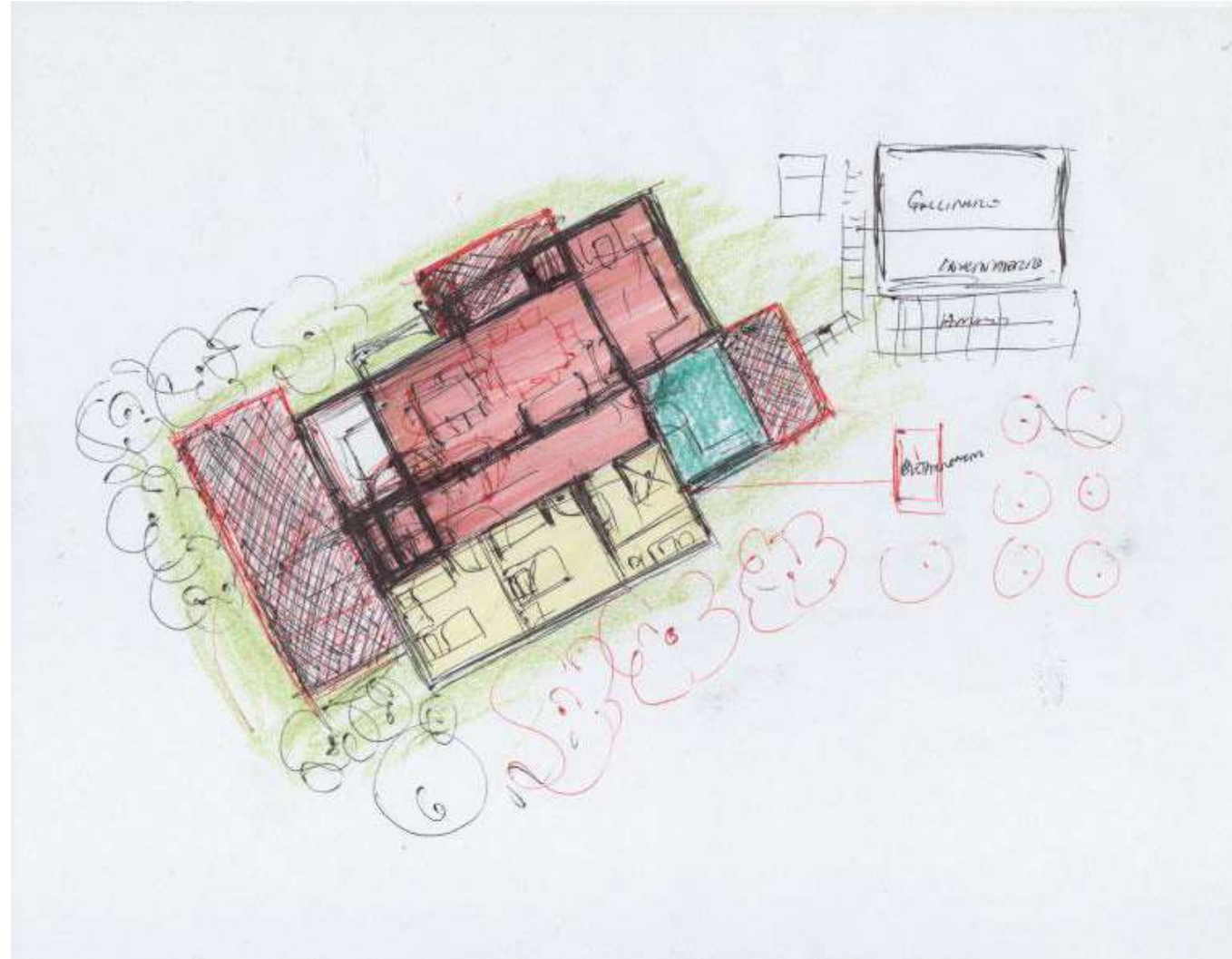






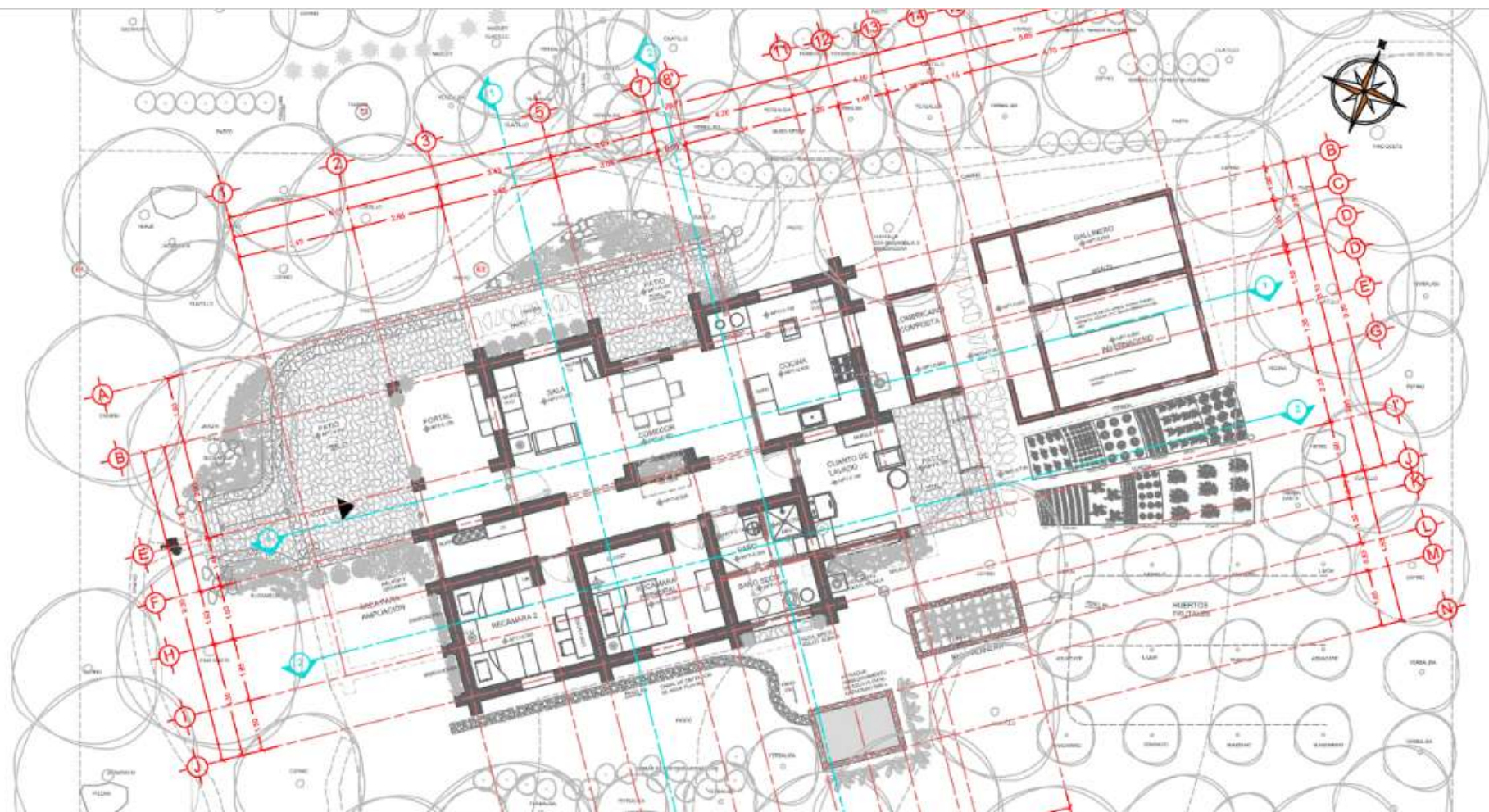
















The *act* of knowing (Octavio Paz).



